Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124800.D
Acq On : 27 Jul 2021 18:42
Operator : JU/CG
Sample : M3200-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GS-2MS

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:38 AM

Quant Time: Jul 28 03:06:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	5542	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	22773	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	13314	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	25720	20.000	ng		0.00
76) Chrysene-d12	14.045	240	16851	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	13521	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	36594	111.800	ng		0.01
7) Phenol-d6	6.504	99	45581	111.081	ng		0.00
23) Nitrobenzene-d5	7.439	82	29563	77.264	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	14813	129.582	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	65102	71.818	ng		0.00
79) Terphenyl-d14	12.986	244	83668	85.110	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	5346	46.725	ng	#	100
3) Pyridine	3.434	79	11677	43.113	ng		88
4) n-Nitrosodimethylamine	3.381	42	10470	48.881	ng		92
6) Aniline	6.533	93	22482	53.311	ng		98
8) 2-Chlorophenol	6.657	128	18183	49.252	ng		88
9) Benzaldehyde	6.422	77	10655	48.229	ng		94
10) Phenol	6.516	94	22543	57.368	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	16901	54.245	ng		98
12) 1,3-Dichlorobenzene	6.816	146	19395	48.337	ng		96
13) 1,4-Dichlorobenzene	6.892	146	20427	50.888	ng		95
14) 1,2-Dichlorobenzene	7.039	146	18971	48.914	ng		96
15) Benzyl Alcohol	7.016	79	14333	53.117	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	27880	53.166	ng		95
17) 2-Methylphenol	7.128	107	14318	53.236	ng		94
18) Hexachloroethane	7.386	117	8017	52.692	ng		89
19) n-Nitroso-di-n-propyla...	7.286	70	13295	60.675	ng	#	85
20) 3+4-Methylphenols	7.275	107	18461	51.952	ng		91
22) Acetophenone	7.286	105	26777	50.740	ng	#	97
24) Nitrobenzene	7.457	77	18094	48.234	ng		95
25) Isophorone	7.698	82	33141	48.984	ng	#	92
26) 2-Nitrophenol	7.769	139	10503	50.551	ng	#	87
27) 2,4-Dimethylphenol	7.810	122	16871	52.771	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	21596	54.929	ng		99
29) 2,4-Dichlorophenol	8.010	162	16228	47.928	ng		93
30) 1,2,4-Trichlorobenzene	8.098	180	17942	48.348	ng		96
31) Naphthalene	8.180	128	54849	46.152	ng		97
32) Benzoic acid	7.933	122	10532	42.561	ng		90
33) 4-Chloroaniline	8.227	127	14430	32.289	ng		97
34) Hexachlorobutadiene	8.292	225	10522	47.433	ng		99
35) Caprolactam	8.604	113	5445m	61.873	ng		
36) 4-Chloro-3-methylphenol	8.710	107	18166	56.249	ng		95
37) 2-Methylnaphthalene	8.869	142	37969	47.815	ng		99
38) 1-Methylnaphthalene	8.969	142	35064	46.611	ng		96
40) 1,2,4,5-Tetrachloroben...	9.039	216	17655	47.526	ng	#	96
41) Hexachlorocyclopentadiene	9.022	237	25728	117.062	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	12433	47.147	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	13159	48.598	ng		99
46) 1,1'-Biphenyl	9.333	154	45790	46.075	ng		99
47) 2-Chloronaphthalene	9.363	162	36639	46.571	ng		100
48) 2-Nitroaniline	9.457	65	11439	55.528	ng		95
49) Acenaphthylene	9.780	152	59519	49.057	ng		98
50) Dimethylphthalate	9.639	163	47118	51.396	ng		98
51) 2,6-Dinitrotoluene	9.698	165	10090	49.819	ng	#	85
52) Acenaphthene	9.951	154	34864	43.348	ng		99
53) 3-Nitroaniline	9.869	138	8582	40.277	ng	#	93
54) 2,4-Dinitrophenol	9.980	184	11998	102.446	ng	#	77
55) Dibenzofuran	10.121	168	54063	47.041	ng		98
56) 4-Nitrophenol	10.033	139	17705	105.223	ng		89
57) 2,4-Dinitrotoluene	10.104	165	13964	50.807	ng	#	97
58) Fluorene	10.463	166	43545	49.390	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	11347	53.062	ng	#	91
60) Diethylphthalate	10.339	149	50033	52.483	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	20943	49.138	ng		95
62) 4-Nitroaniline	10.486	138	10603	50.291	ng		97
63) Azobenzene	10.616	77	44193	52.399	ng		94
65) 4,6-Dinitro-2-methylph...	10.510	198	7478	44.895	ng		100
66) n-Nitrosodiphenylamine	10.574	169	37602	45.114	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	12986	47.607	ng	#	89
68) Hexachlorobenzene	11.010	284	14072	49.673	ng		98
69) Atrazine	11.104	200	13253	52.299	ng		92
70) Pentachlorophenol	11.204	266	16726	94.948	ng		94
71) Phenanthrene	11.427	178	65967	47.687	ng		99
72) Anthracene	11.480	178	67501	48.810	ng		99
73) Carbazole	11.633	167	59064	45.563	ng		99
74) Di-n-butylphthalate	11.963	149	91289	52.871	ng		98
75) Fluoranthene	12.615	202	69147	48.983	ng		98
77) Benzidine	12.733	184	31641	66.587	ng		98
78) Pyrene	12.845	202	68936	51.674	ng		99
80) Butylbenzylphthalate	13.457	149	35470	55.512	ng		92
81) Benzo(a)anthracene	14.033	228	52752	47.891	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	13216	43.233	ng		99
83) Chrysene	14.068	228	48862	46.044	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	56337	59.859	ng		100
85) Di-n-octyl phthalate	14.627	149	82861	54.255	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	45281	58.008	ng		95
88) Benzo(b)fluoranthene	15.086	252	44178	46.407	ng		96
89) Benzo(k)fluoranthene	15.115	252	39747m	45.695	ng		
90) Benzo(a)pyrene	15.456	252	40562	51.006	ng		96
91) Dibenzo(a,h)anthracene	17.021	278	39215	57.385	ng		93
92) Benzo(g,h,i)perylene	17.456	276	37201	57.407	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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